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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/736,021	07/25/2001	Jean-Louis Bravet	200458US0PCT	5353

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EXAMINER

FERGUSON, LAWRENCE D

ART UNIT	PAPER NUMBER
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1774

DATE MAILED: 01/14/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n N .

09/736,021

Applicant(s)

BRAVET ET AL.

Examiner

Lawrence D Ferguson

Art Unit

1774

-- The MAILING DATE of this communication appears n the cover sheet with the c rrespondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This action is in response to the amendment mailed October 24, 2002.

Claims 1-13 and 15-18 were amended and new claims 19-21 were added rendering claims 1-21 pending.

Claim Rejections – 35 USC § 103(a)

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Endoh et al. (U.S. 4,894,972).
4. Endoh discloses a window assembly comprising a transparent plate member with a frame member made of plastic integrally molded with the peripheral section of the plate member in such a manner (column 1, lines 48-54) where the flat transparent plate member is a plastic plate used as a vehicle window (column 6, lines 19-27). Endoh discloses the plastic plate is made of polycarbonate and is hard-coated to improve scratch resistance (column 6, lines 32-34) made by two plastic components that are injected into a mold cavity and mixed together (column 7, lines 38-41). The reference

Art Unit: 1774

discloses a decorative member made of plastic made of various sizes and thicknesses (column 7, lines 26-60) where the plastic material are thermoplastic (column 8, lines 11-12) and where plastic material contributes to improving weatherability and preventing rain-water penetration (column 8, lines 29-30 and lines 43-45). Endoh discloses coating the plate with a heat reflecting film (column 6, lines 28-29) which is antireflective at different wavelengths and the coating can be applied in a way which is formed as a stack of layers. The reference discloses a skin layer, which improves the appearance of the window along with an upper, middle and lower section (column 12, lines 7-24). Additionally a skin layer is disclosed in column 11, lines 1-10 and 40-45. The reference does not explicitly disclose that the skin comprises an electrically conductive network. It would have been obvious to one of ordinary skill in the art to include this feature because Endoh discloses a metallic mold (column 8, line 59) which is the basis for an electrical conductive network. Figures 1-2, 4-11, 13-17, 19-21 and 23-24 shows at least part of the addition of plastic material is encapsulated at the periphery of the product, meeting the limitations of claims 2 and 3.

Response to Arguments

5. Applicant's traversal to 35 USC 112, second paragraph have overcome the rejection and the rejection(s) have been withdrawn due to the amending of claims 1, 2 and 7.

Applicant's arguments of rejection under 35 USC 102(e) as anticipated by Endoh et al (U.S. 4,894,972) has been withdrawn due to amendments entered by Applicant which overcome the rejection.

Applicant's arguments of rejection under 35 USC 102(b) as anticipated by Raymond et al (U.S. 5,419,088) has been withdrawn due to amendments entered by Applicant which overcome the rejection.

Applicant's arguments of rejection under 35 USC 103(a) as being unpatentable over Endoh et al. (U.S. 4,894,972) have been considered but are unpersuasive. Applicant argues Endoh does not describe the skin layer with comprises a film of plastic material and a scratch-resistant layer. This is not true because Endoh discloses a window assembly comprising a transparent plate member with a frame member made of plastic integrally molded with the peripheral section of the plate member in such a manner (column 1, lines 48-54) where the flat transparent plate member is a plastic plate used as a vehicle window (column 6, lines 19-27). Endoh discloses the plastic plate is made of polycarbonate and is hard-coated to improve scratch resistance (column 6, lines 32-34) made by two plastic components that are injected into a mold cavity and mixed together (column 7, lines 38-41). In Figure 2 Endoh discloses a sheet of plastic material (14) along with a plastic film (28) and scratch resistant layer (16), which meets the claim limitations of claim 1.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after

Art Unit: 1774

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence Ferguson whose telephone number is (703) 305-9978. The examiner can normally be reached on Monday through Friday 8:30 AM – 4:30PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly can be reached on (703) 308-0449. Please allow the examiner twenty-four hours to return your call.

The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2351.



Lawrence D. Ferguson
Examiner
Art Unit 1774

CYNTHIA H. KELLY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700

